1. The name of 101^{th} element is ..... ( )
   A) borolinium B) lanthanivium
   C) mendelivium D) scandinavium

2. Which of the following element belongs to 3 period and also a 17 (VIIA) group ? ( )
   A) Fluorine B) Bromine
   C) Oxygen D) Chlorine

3. Which of the following element belongs to the 4 period and IV B group ? ( )
   A) Titanium B) Beryllium
   C) Tungsten D) Niobium

4. Electron affinity values of halogens are measured in ( )
   A) KJ/mol^{-2} B) K/J mol
   C) $KJmol^{-1}$ D) $K/J\ mol^{-1}$

5. Which of the following elements are generally semi-conductors ? ( )
   A) Si B) Ge
   C) B D) all

6. Which group elements are called halogen family ? ( )
   A) 17(VIIA) B) 18(VIIIA)
   C) 15(VA) D) 16(VIA)

7. In modern periodic table each period ends with ( )
   A) Non-metals B) Noble gases
   C) Metals D) Metalloids

8. Who noted that there were groups of elements with three elements known as triads in each group ? ( )
   A) Dobereiner
   B) Moseley
   C) Mendeleeff
   D) Joseph Louis froust

9. Which of the following element family belongs to 16 (VIA) Group ? ( )
   A) Carbon family B) Oxygen family
   C) Boron family D) Nitrogen family

10. Which block elements are called inner transition elements ? ( )
    A) p-block B) d-block
    C) f-block D) s-block

11. Which group elements are called Boron family ? ( )
    A) 13(III A) B) 14(IV A)
    C) 2(II A) D) 1(I A)

12. Which of the following group elements are called alkali metal family ? ( )
    A) (I A) B) (VI A)
    C) (VII A) D) (VIII A)

13. Which block elements are called transition elements ? ( )
    A) p - block B) d - block
    C) f - block D) s -block

14. According to which of the following characteristic of an element the modern periodic table is proposed ? ( )
    A) Atomic number B) Valency
    C) Symbol D) Atomic weight

15. Which of the following property is measured in 'pm' (pico meter) units ? ( )
    A) Electron affinity B) Ionisation energy
    C) Atomic radius D) Electronegativity

16. Which of the following group elements are nitrogen family ? ( )
    A) 14 (IV A) B) 15 (V A)
    C) 16 (VI A) D) 1 (I A)

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